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**From:** Greene, Nikia [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=32A08A414A4F40199B557C0819EB7D0B-GREENE, NIKIA]  
**Sent:** 3/20/2019 12:24:54 AM  
**To:** Teschner, Sarah [teschner.sarah@epa.gov]; Bartenfelder, David [Bartenfelder.David@epa.gov]  
**CC:** Vranka, Joe [vranka.joe@epa.gov]; Elsen, Henry [Elsen.Henry@epa.gov]  
**BCC:** David Shanight [shanightdt@cdmsmith.com]; Storrar, Chapin S. [storrarcs@cdmsmith.com]; Curt Coover [cooverca@cdmsmith.com]  
**Subject:** RE: Butte TI  
**Attachments:** Alluvial TI boundary memo 03192019.docx; Figure\_1.pdf; Figure\_5.pdf; Figure\_6.pdf; Figure\_7.pdf

David and Sarah,

Attached is a tech memo with figures to explain the reasoning of expanding the GW TI boundary based on new information. I can provide further information if needed, including:

2006 ROD  
2006 GW TI  
2012 GW Data Analysis Report  
2015 GW Data Analysis Report

Please let me know if more is needed.

Nikia Greene  
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**From:** Teschner, Sarah  
**Sent:** Monday, March 18, 2019 8:43 AM  
**To:** Greene, Nikia <Greene.Nikia@epa.gov>  
**Subject:** FW: Butte TI

Hey Nikia – see Dave Bartenfelder’s question below. Do you have info I can refer Dave to? Sounds like if there is additional GW TI waiver expansion, that may need to run through the TI team.

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**From:** Bartenfelder, David  
**Sent:** Monday, March 18, 2019 6:53 AM  
**To:** Teschner, Sarah <Teschner.Sarah@epa.gov>  
**Subject:** FW: Butte TI

Sarah-

I am trying to track down some Butte Silver Bow info. There was a call last week on the BPSOU Proposed Plan for the surface water TI, but there was also a TI expansion of the alluvial GW (included figure below) that I do not recall. Do you remember the surface water TI including and expansion of the alluvial GW? I know there was an older TI for the GW and was wondering if they were expanding this along with the surface water TI.

There have been a few GW TI expansions and they were generally shorter than most TI Evaluations and relied on the original TI info supplemented with new info for the expansion.

Thanks-Dave

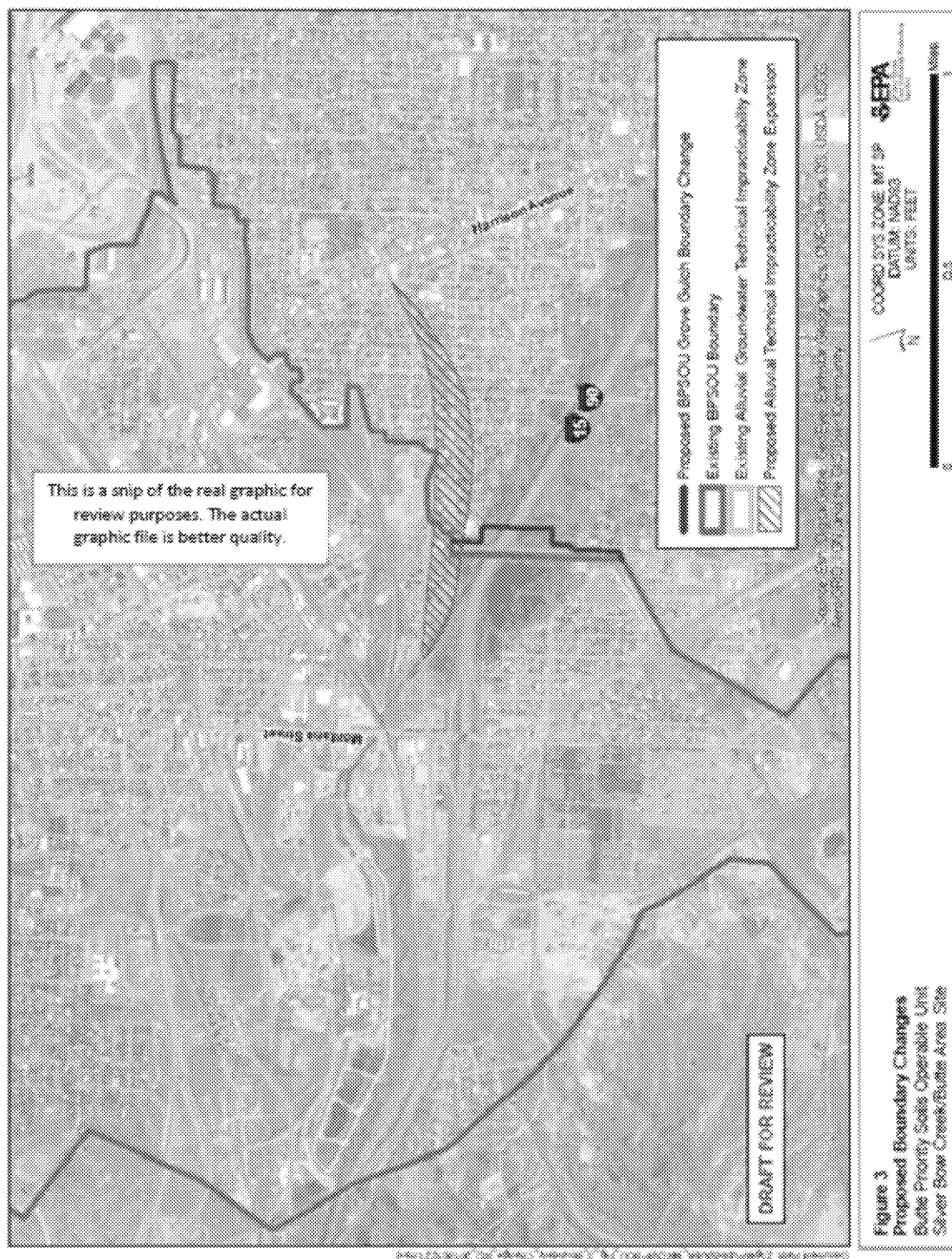
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**From:** Bartenfelder, David  
**Sent:** Thursday, March 14, 2019 3:02 PM  
**To:** Schmidt, Andrew <[Schmidt.Andrew@epa.gov](mailto:Schmidt.Andrew@epa.gov)>  
**Subject:** Butte TI

Andrew-

How are things going in the new job? Did you survive the "bomb cyclone" yesterday? I was on a call yesterday on the Butte Proposed Plan and had a question for you. I was a little confused because there was a mention of expanding the alluvial GW TI zone and I had no recollection of that in the TI I reviewed. I only remember the TI Evaluation being for the Silver Bow Creek surface water and the MT DEQ-7 levels. Am I having a senior moment?

Thanks-Dave



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